

CURRICULUM:

M.S. in Science Education

The pre-requisite for those who will major in General Science is any bachelor's degree from a reputable institution, with at least 15 units of science (any field or combination).

The pre-requisite for those who will major in Biology, Chemistry, or Physics is any bachelor's degree from a reputable institution, with at least 15 units of the science.

Required Subjects: 9 units

SED 201	Foundations of Science Education	3 units
PSYCH 255.8	Seminar in Human Development: Math and Science in Early Childhood education	3 units
ED 201	Methods and Materials of Research	3 units

Field of Concentration Subjects: 20 units

Any one (1) graduate level lec-lab subject in the discipline chosen 5 units with the approval of the Academic Adviser

Any two (2) graduate level subjects in the discipline chosen 6 units with the approval of the Academic Adviser:

SED 285.1	Seminar on Instruction and Assessment in Science	3 units
SED 285.2	Seminar on Laboratory Practices and Experimental Design	3 units
SED 285.3	Seminar on Science Curriculum Development	3 units

Any one (1) of the following with the approval of the Academic Adviser:

STAT 310	Basic Statistical Analysis	3 units
SA 206	Research Techniques	3 units
SED 207	Instructional Technologies	3 units

*Graduate level subjects in General Science are the SED 220/230 series. Suggested subjects for other majors are BIED 220/240/260 for Biology, CH ED 201.1-3 for Chemistry, and PSED 200.30-31 for Physics.

Graduate Seminar: 1 unit

SED 286

Graduate Seminar

1 unit

Comprehensive Examinations

Thesis WRITING and ORAL DEFENSE: 6 units